

# REMA HANNA

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## ACADEMIC POSITIONS

Jeffrey Cheah Professor of South East Asia Studies  
Harvard Kennedy School, January 2016 – present

### *Previous Positions:*

University of Zurich, Department of Economics, Visiting Faculty, Fall 2015

Harvard Kennedy School, Junior Faculty, July 2009-June 2015

Columbia University, Department of Economics, Visiting Scholar, Fall 2011

NYU Wagner and Department of Economics, Assistant Professor, September 2005 – June 2008

## EDUCATION

Massachusetts Institute of Technology, Ph.D., Economics (September 2005)

Cornell University, B. S. Policy Analysis, with Honors and Distinction (May 1999)

## PUBLICATIONS

1. “Universal Basic Incomes vs. Targeted Transfers: Anti-Poverty Programs in Developing Countries,” Joint with Benjamin Olken, forthcoming in the *Journal of Economic Perspectives*.
2. “Private Outsourcing and Competition: Subsidized Food Distribution in Indonesia,” with Abhijit Banerjee, Jordan Kyle, Ben Olken, and Sudarno Sumarto, accepted at the *Journal of Political Economy*.
3. “Tangible Information and Citizen Empowerment: Identification Cards and Food Subsidy Programs in Indonesia,” with Abhijit Banerjee, Jordan Kyle, Ben Olken, and Sudarno Sumarto, *Journal of Political Economy*, April 2018.
4. “Debunking the Stereotype of the Lazy Welfare Recipient: Evidence from Cash Transfer Programs Worldwide,” with Abhijit Banerjee, Gabriel Kreindler, and Ben Olken, *World Bank Research Observer*, August 2017.
5. “Dishonesty and Selection into Public Service in India,” with Shing-Yi Wang, *American Economic Journal: Economic Policy*, August 2017.
6. “Citywide Effects of High-Occupancy Vehicle Restrictions: Evidence from the Elimination of 3-in-1 in Jakarta,” with Ben Olken and Gabriel Kreindler, *Science*, July 2017.
7. “The Devil is in the Details: Experimental Evidence on Bureaucratic Reform in India,” with Iqbal Dhaliwal, *Journal of Development Economics*, January 2017.
8. “Network Structure and the Aggregation of Information: Theory and Evidence from Indonesia,” with Vivi Alatas, Abhijit Banerjee, Arun Chandraskhar, and Ben Olken,

*American Economic Review*, July 2016.

9. "Up in Smoke: The Influence of Household Behavior on the Long-Run Impact of Improved Cooking Stoves," with Esther Duflo and Michael Greenstone, *American Economic Journal: Economic Policy*, February 2016.
10. "Self-Targeting: Evidence from a Field Experiment in Indonesia," with Vivi Alatas, Abhijit Banerjee, Ben Olken, Ririn Purnamasari, and Matthew Wai-Poi, *Journal of Political Economy*, April 2016.
11. "Does the Effect of Pollution on Infant Mortality Differ Between Developing and Developed Countries? Evidence from Mexico City," with Eva Arceo and Paulina Oliva, *Economic Journal*, January 2016.
12. "The Effect of Pollution on Labor Supply: Evidence from a Natural Experiment in Mexico City," with Paulina Oliva, *Journal of Public Economics*, February 2015.
13. "Environmental Regulations, Air and Water Pollution, and Infant Mortality in India," with Michael Greenstone, *American Economic Review*, October 2014.
14. "Learning by Noticing: Theory and Experimental Evidence in Farming," with Sendhil Mullainathan and Josh Schwartzstein, *Quarterly Journal of Economics*, June 2014.
15. "Discrimination in Grading," with Leigh Linden, *American Economic Journal: Economic Policy*, November 2012.
16. "Incentives Work: Getting Teachers to Come to School," with Esther Duflo and Stephen Ryan, *American Economic Review*, June 2012.
17. "Targeting the Poor: Evidence from a Field Experiment in Indonesia," with Vivi Alatas, Abhijit Banerjee, Julia Tobias, and Ben Olken, *American Economic Review*, June 2012.
18. "U.S. Environmental Regulation and FDI: Evidence from a Panel of U.S. Based Multinational Firms," *American Economic Journal: Applied Economics*, July 2010.
19. "The Impact of Inspections on Plant-Level Air Emissions," with Paulina Oliva, *Berkeley Electronic Press Journals*, March 2010.
20. "Affirmative Action: Evidence from College Admissions in India," with Marianne Bertrand and Sendhil Mullainathan, *Journal of Public Economics*, February 2010.
21. "Obtaining a Driving License in India: An Experimental Approach to Studying Corruption," with Marianne Bertrand, Simeon Djankov, and Sendhil Mullainathan, *Quarterly Journal of Economics*, November 2007.

## **WORKING PAPERS**

1. "Does Elite Capture Matter? Local Elites and Targeted Welfare Programs in Indonesia," with Vivi Alatas, Abhijit Banerjee, Ben Olken, Ririn Purnamasari, and Matthew Wai-Poi, NBER Working Paper w18798.

2. “The Challenges of Universal Health Insurance in Developing Countries: Evidence from a Large-scale Randomized Experiment in Indonesia,” Joint with Abhijit Banerjee, Amy Finkelstein, Benjamin Olken, Arianna Ornaghi, and Sudarno Sumarto.
3. “Cumulative Impacts of Conditional Cash Transfer Programs: Experimental Evidence from Indonesia,” Joint with Nur Cahyadi, Benjamin Olken, Rizal Adi Prima, Elan Satriawan, and Ekki Syamsulhakim, NBER Working Paper w24670.

## **CHAPTERS/CONFERENCE PROCEEDINGS**

1. “The Design of Anti-Poverty Programs,” with Dean Karlan, the *Handbook of Field Experiments*, March 2017.
2. “Implications of Climate Change for Children in Developing Countries,” with Paulina Oliva, *Future of Children Issue on Climate Change*, Spring 2016.
3. “Moving up the Energy Ladder: The Effect of a Permanent Increase in Assets on Fuel Consumption Choices in India,” with Paulina Oliva, *American Economic Review P&P*, May 2015.
4. “Corruption,” with Abhijit Banerjee and Sendhil Mullainathan, *Handbook of Organizational Economics*, Princeton University Press, 2013.

## **SELECTED POLICY PIECES AND REPORTS**

1. “Asylum Seekers in the European Union: Building Evidence to Inform Policy Making,” World Bank Working Paper, with Mohamed Abdel Jelil, Paul Andres Corral Rodas, Anais Dahmani Scuitti, María E. Dávalos, Giorgia Demarchi, Neslihan Nathalie Demirel, Quy-Toan Do, Deivy Joel Marie Houeix, Sara Lenehan, and Harriet Kasidi Mugeru, July 2018.
2. “Technology Beats Corruption,” *Science, Perspectives*, January 2017.
3. “Targeting the Poor: Evidence from a Field Experiment in Indonesia,” with Vivi Alatas, Abhijit Banerjee, Ben Olken, Ririn Purnamasari, and Matthew Wai-Poi, *3ie Report*, July 2013.
4. “The Effectiveness of Anti-Corruption Policy: What has worked, what hasn’t, and what we don’t know,” with Sarah Bishop, Sara Nadel, Gabe Scheffler, and Katherine Durlacher, *DFID Systematic Review*, June 2011.
5. “Petty Corruption in Public Services: Driving Licenses in Delhi, India,” with Marianne Bertrand, Simeon Djankov, and Sendhil Mullainathan, in the *Transparency International Global Corruption Report*, 2008.
6. “Cooking Stoves, Indoor Air Pollution and Respiratory Health in Rural Orissa, India,” with Esther Duflo and Michael Greenstone, *Economic and Political Weekly*, August 2008.

7. "Indoor Air Pollution, Health and Productivity," with Esther Duflo and Michael Greenstone, *Surveys and Perspectives Integrating Environment and Society*, February 2008.
8. "Corruption in Driving Licenses in Delhi," with Marianne Bertrand, Simeon Djankov, and Sendhil Mullainathan, *Economic and Political Weekly*, February 2008.

## **OPINION PIECES**

1. "Do dishonest people gravitate towards the public sector in India?" with Shing-Yi Wang, *Ideas for India*, July 2018.
2. "Which Traffic Policies Work Best for Megacities?" Project Syndicate, January 2018.
3. "Jakarta's maligned congestion-easing policy actually worked," with Vestal McIntyre, VOX Development, October 2017.
4. "Implementation matters: When does monitoring technology work to improve public services for the poor?" with Vestal McIntyre, VOX Development, July 2017.
5. "The devil is in the details: The successes and limitations of bureaucratic reform," with Iqbal Dhaliwal and Rebecca Toole, *Ideas for India*, December 2016.
6. "Improved cooking stoves in India: Evaluating long-run impacts," with Esther Duflo, Michael Greenstone, and Claire Walsh, *Ideas for India*, July 2016.
7. "Forschungslücke" with Alexandra Spitz-Oener and Rajshri Jayaraman, *Sueddeutsche Zeitung*, July 2016.
8. "Building the Evidence Base for Developing Countries: An Example from the Effect of Pollution on Infant Health in Mexico," with Eva Arceo and Paulina Oliva, VOX, April 2016.
9. "Strengthening Safety Nets for the Poor," with Ben Olken, *Jakarta Post*, January 2016.
10. "Cash Transfers to Indonesia's Poor Don't Discourage Work," with Ben Olken, *Jakarta Globe*, October 2015.
11. "Has Environmental Regulation Been Successful in India?" with Michael Greenstone, *Ideas for India*, July 2012.
12. "Clean Cookstoves Must be Rethought so They Actually Get Used in the Developing World," with Esther Duflo, Michael Greenstone, and Radha Muthiah, *National Geographic News Watch*, June 2012.
13. (Book Review) "Impact Evaluation in Practice," *Journal of Economic Literature*, September 2011.
14. "Do Teachers Discriminate Against Minorities in India?" with Leigh Linden, VOX, September 2009.

15. (Book Review) "When Things Fall Apart," Journal of Economic Literature, June 2009.
16. "Can Improved Stoves Improve Health?" Indian Express, May 12, 2009.
17. "Reservations: Gains at a Cost," with Marianne Bertrand, Sendhil Mullainathan, and Sudha Krishnan. Mint (Wall Street Journal, India), April 14, 2008.

## **SELECTED EXTERNAL RESEARCH GRANTS**

Gates Foundation, Inter-American Development Bank, JPAL Governance Initiative, JPAL Urban Services, Saudi Arabia Pilot Grant, AidData, KOICA, International Growth Centre, DFAT, 3ie Open Window, Children Investment Fund Foundation, World Bank, DFID Systematic Review, USAID Development Innovation Ventures, Russell Sage Grants in Behavioral Economics, National Science Foundation Fellowship Recipient

## **PROFESSIONAL ACTIVITIES**

Co-Director, Evidence for Policy Design, Harvard University, January 2016 to present  
Scientific Co-Director, J-PAL South East Asia, December 2012 to present  
Consultant, World Bank, World Bank Refugee Report, March 2017 to present  
Co-Editor, Journal of Human Resources, July 2015 to present  
Associate Editor, Review of Economics and Statistics, June 2012 to present  
Associate Editor, American Economic Journal: Applied Economics, 2017 to present  
Steering Committee, World Bank East Asia and Pacific Gender Innovation Lab, March 2018 to present  
Board, Review of Economic Studies, July 2015 to December 2016  
Affiliate: CEPR, NBER, Weatherhead (Harvard), IZA, BREAD

### **Selected Professional Service**

NBER/BREAD Conference on Development Economics, Program Committee, Fall 2017  
JPAL Governance Initiative, Grants committee, 2017  
University of Chicago Tata Trust, Grants committee, 2017  
North American Winter Meeting of the Econometric Society, Program Committee, 2017  
NBER EEE Meetings, Co-Organizer, Spring 2016  
PEDL grants committee, 2015  
WESSI Alumni Workshop at NYU Florence, Mentor, September 2015  
CeMENT- CSWEP Mentoring Workshops, Mentor, 2015, 2018  
NEUDC, Program Committee, 2010, 2011, 2013, 2014, 2015, 2016, 2017, 2018  
Latin American and Caribbean Economic Association Meetings, Program Committee, 2010

### **Selected Harvard Service**

Weiss Grant, Committee Member, 2018 - present  
Provost's Academic Leadership Forum, 2017-2018  
Chair, International Development Area, January-December 2017  
PhD Placement Coordinator, Fall 2016 to present  
Chair, South East Asia Committee at the Asia Center, Spring 2016-present  
Board, Asia Center, Spring 2016-present  
Organizer, Harvard Kennedy School Faculty Seminar, Spring 2010  
Organizer, Harvard-MIT Development Seminar, September 2008 – May 2010

## **Selected Refereeing**

Journal of Environmental Economics and Management, Journal of Development Economics, Energy for Sustainable Development, The Economic Journal, The International Economic Journal, Journal of Public Economics, Journal of Human Resources, Review of Economics and Statistics, Journal of the European Economic Association, Quarterly Journal of Economics, Journal of Development Studies, National Science Foundation, Journal of Comparative Economics, American Economic Journal: Economic Policy, American Economic Journal: Applied Economics, Global Development Network, Southern Economic Journal, CUNY Fellowship Program, Economic Development and Cultural Change, Economics of Governance, Economic Journal Conference Volume, American Economic Review, Journal of Labor Economics, Labour Economics, Bulletin of Indonesian Economic Studies, Review of Economic Studies, Environmental and Resources Economics, BE Press Journals, Transparency International, 3ie, World Bank Economic Review, Science

## **PHD STUDENTS WITH PLACING**

- Marta Vicarelli, Pre-doc supervisor, University of Mass Amherst (Yale post-doc)
- Robyn Meeks, Committee, University of Michigan, Natural Resources
- Arturo Aguilar, Committee, ITAM
- Maggie Triyana, Pre-doc supervisor, NTU (Stanford post-doc)
- Elizabeth Walker, Chair, NERA
- Mahnaz Islam, Committee, Amazon
- Jordan Kyle, Letter writer, IFPRI post-doc
- Joey Neggers, Committee, Michigan Ford (Brown post-doc)
- Martin Abel, Chair, Middlebury College
- Tomoko Harigaya, Committee, Precision Agriculture for Development
- Raissa Fabregas, UT Austin Public Policy
- Janhavi Nilekani, Private Foundation
- Sarika Gupta, World Bank YPP

## **EXECUTIVE TEACHING**

Harvard Executive Education:

- Using Evidence to Improve the Effectiveness of Social Programs, May 2018
- Customized EPoD course for the Indonesian Ministry of National Development Planning, November 2017 (Course Organizer)
- Climate Change and Energy, September 2016, October 2017
- Young Global Leaders, 2014
- Indonesia Center, 2012, 2013
- Analysis and Management of Energy and Environmental Policy, 2013

EPoD Innovative Leadership in the Age of Data: July 2016, Pakistan

EPoD training for the Asian Development Bank: Thailand, August 2012; Philippines, August 2014

Harvard University Development Bootcamp, April 2012

AMID Summer School (Namur): An Introduction to Field Surveys: June 2009

International Finance Corporation: Program Evaluation: May 2007

JPAL: Randomized Evaluation: July 2006 (India), July 2007 (India), June 2008 (Indonesia), July 2008 (India), July 2009 (India), July 2010 (India), May 2011 (MIT), January 2015 (Indonesia), March 2018 (Indonesia)

## **SELECTED INVITED LECTURES & KEYNOTES**

- 2018 DIFD Economics Seminar Series, Speaker
- 2018 Opportunities and Barriers in Development Economics, Colombian Economics Congress, Keynote Speaker
- 2018 World Bank DEC Lecture, Speaker
- 2018 A Conversation with Dr. Salam Fayyad and Prof. Rema Hanna, Moderator
- 2018 Asia Center 20<sup>th</sup> Anniversary Event (Harvard), Speaker
- 2017 ASEAN@50 Conference (Harvard), Closing Remarks
- 2017 Indonesia Development Forum, Speaker
- 2017 Universitas Indonesia, 2nd International Conference on Indonesian Economy and Development, Keynote Address
- 2016 J-PAL's and Center for Global Development's "What have we learned?" Speaker
- 2016 IMF Capacity Building Seminar: Enhancing Social Spending in Support of Inclusive Growth in Asia (Sri Lanka), Speaker
- 2016 Khazanah Nasional (Malaysia), Speaker
- 2013 Poverty Reduction, Equity, and Growth Network (Denmark), Young Keynote Lecture
- 2011 Universitas Indonesia, Conference on Impact Evaluation, Keynote Address

## **SELECTED SEMINARS AND CONFERENCES**

- 2019 IIES Stockholm, Columbia, USC, Boston University, Norwegian School of Economics
- 2018 Brookings; Development Economics Network (Germany); Cornell; Pittsburgh; ITAM (Mexico); Wellesley; Colorado; UC Davis; Chicago Harris School; CAGE Workshop (Venice); Imperial College, Sussex
- 2017 AEA; Houston; Triangle Resource and Environmental Economics (TREE) seminar; UVA; Beloit
- 2016 Stanford; Georgetown; Illinois; NUS (Singapore); JPAL Public Sector Management Conference (India); Zurich; JPAL Vietnam Conference (Vietnam); Sunway University (Malaysia); World Bank Malaysia; Barcelona GSE (Spain); DFAT Indonesia
- 2015 AEA; University of Indonesia; Bocconi (Italy); CEMFI (Spain); Central European University (Budapest); NYU Wagner; College of William and Mary; Berkeley Public Policy; Columbia SIPA; Conference on Corruption at the Stockholm School of Economics; Trinity College Dublin; Maynooth University (Ireland); Mannheim; Frankfurt; ETH (Switzerland); Humboldt University of Berlin; UPF (Spain); Harvard Asia Center
- 2014 AEA; George Washington School of International Affairs; Boston College; Boston University School of Management; University of Connecticut; Heidelberg; WZB Workshop (Berlin); Yale Workshop on the Adoption of Household Energy Products; Harvard India Conference; Zurich; Hong Kong Baptist University; Sunway

- University (Malaysia); Michigan; Vienna Center for Experimental Economics Workshop; Wharton; LSE; UCSB, USC
- 2013 Harvard Public Economics; Berkeley Economics; Stockholm; World Bank Latin America Group; World Bank DIME; University of Indonesia; Harvard India Conference; Columbia; Consortium for Energy Policy Research Seminar (Harvard); JPAL Policy Workshop (Indonesia); Pontificia Universidad Catolica (Chile); JPAL Policy Workshop (Chile); Berkeley ARE; Toronto; Hunter College; Brandeis; Warwick; World Bank Research; Harvard Saudi Conference
- 2012 AEA Meetings; Michigan; LSE/UCL; University of Amsterdam; UCSD; NBER Environment; Science Sustainability Program at Harvard; UPF (Spain); Northeast Energy and Environment Conference (Cornell); IGC Conference (Bangladesh); IPA Conference (Thailand); JPAL USI Conference (Sri Lanka); NBER Labor; IGC Political Economy; SMU; Yale; Northwestern; Harvard Environmental; Boston University; University of Washington Seattle; Brookings
- 2011 Berkeley; George Washington; UVA; Harvard Population Center; USAID (India); J-PAL/TNP2K Conference (co-organizer)
- 2010 HBS Strategy Conference (discussant); NBER SI (discussant); Universidad de Los Andes (Colombia); Cornell; Brown; CEPR Development Pre-Conference; APPAM (discussant); UCSB Workshop on Environment and Development; Williams; IGC Conference (India)
- 2009 Survey Design and Measurement Conference (World Bank); IGC Conference (Columbia); Northeastern Conference in Resource and Environmental Economics (Columbia/Discussant); NBER Education (Stanford); HKS Faculty Seminar; BREAD (LSE); Harvard-MIT Development; Namur (Belgium); Bocconi (Italy); World Bank Research Group
- 2008 Maryland; World Bank/IZA Conference on Employment and Development (Morocco); IIES (Stockholm); HKS
- 2007 IFC Conference (India); Conference on Corruption (Madrid); BREAD (LSE); Labor Markets in Transition and Developing Economies (Michigan); BEA; IFC Conference (D.C.)
- 2006 AEA; Rutgers; World Bank Session on Randomized Experiments to Understand Corruption (Indonesia); Bocconi (Italy); UPF (Spain); IFC Conference on Results Measurement (Egypt); NYU Conference on Migration (Discussant); Maryland Public Policy; NYU Steinhardt; Yale; NEUDC (Cornell); NYU Wagner; IFC Conference on Results Measurement (DC); Bread (Cornell); World Bank PREM; Berkeley
- 2005 NBER Conference on the Indian Economy; NYU; CEPR and BREAD (Turkey); Asian Corporate Governance Conference (Korea); UCSB Trade and Environmental Economics Workshop; Maryland Agricultural Economics; DC FED; Brown; Dartmouth; Notre Dame; Tufts; Claremont McKenna; University of Chicago Harris School; NYU Wagner; University of Central Florida; LSE
- 2004 MIT-Harvard Environmental Seminar; Columbia